




TEST REPORT IEC 60884-1 Plugs and socket-outlets for household and similar purposes Part 1: General requirements	
Report Reference No.	MI16-0004328-01
Date of issue	08/11/2016
Total number of pages	33
CB Testing Laboratory	IMQ S.p.A.
Address	I - 20138 Milano - via Quintiliano, 43
Applicant's name	4 BOX SRL
Address	piazzale Segesta 15 – 20148 Milano - Italy
Test specification:	
Standard	IEC 60884-1:2002 (Third Edition) + A1:2006
Test procedure	N/A
Non-standard test method	N/A
Test Report Form No.	IEC60884_1C
Test Report Form(s) Originator	IMQ
Master TRF	Dated 2006-10
Copyright © 2006 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved. This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed. This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
Test item description	fixed Socket-outlets
Trade Mark	 4BOX (logo)
Manufacturer	4 BOX SRL – Piazzale Segesta 15 – 20148 Milano - Italy
Model/Type reference	See description on page 5
Ratings	16 A 250 V ~ - 1 S.S. III CEE 7 + 2 P17/11

Testing procedure and testing location:		
<input checked="" type="checkbox"/> CB Testing Laboratory:	IMQ S.p.A.	
Testing location/ address.....:	I - 20138 Milano - via Quintiliano, 43	
<input type="checkbox"/> Associated CB Test Laboratory:		
Testing location/ address.....:	-	
Tested by (name + signature)	TESSE VITO ALBINO	.....
Approved by (name + signature) .:	RAIMONDI MATTEO	.....
<input type="checkbox"/> Testing procedure: TMP		
Tested by (name + signature) .....	-	.....
Approved by (name + signature) .:	-	.....
Testing location/ address.....:	-	
<input type="checkbox"/> Testing procedure: WMT		
Tested by (name + signature) .....	-	.....
Witnessed by (name + signature):	-	.....
Approved by (name + signature) .:	-	.....
Testing location/ address.....:	-	
<input type="checkbox"/> Testing procedure: SMT		
Tested by (name + signature) .....	-	.....
Approved by (name + signature) .:	-	.....
Supervised by (name + signature):	-	.....
Testing location/ address.....:	-	
<input type="checkbox"/> Testing procedure: RMT		
Tested by (name + signature) .....	-	.....
Approved by (name + signature) .:	-	.....
Supervised by (name + signature):	-	.....
Testing location/ address.....:	-	

Summary of testing:

This test report refers to partial tests concerning the following clauses and sub-clauses: 8; 10; 11; 12; 13; 16.3; 17; 18; 19; 20; 21; 22; 24; 25; 26; 27 and 28.

Throughout this report, the symbol “(*)” in the “Result - Remark” column and/or in the “Verdict” column refers to a requirement replaced or modified by Italian Standard CEI 23-50:2007+ V1:2008+ V2:2011. (see Attachment).

This test report consists of:

- Test Report IEC 60884-1:2002 (Third Edition) + A1:2006 + IT_ND IEC 60884-1C: 33 pages;
- Attachment to test Report IEC 60884-1 “Italian National Differences”: 11 pages;
- Annex 1: Photographic documentation: 13 pages.

Tests performed (name of test and test clause):

partial test relevant to clauses : 8; 10; 11; 12; 13; 16.3; 17; 18; 19; 20; 21; 22; 24; 25; 26; 27 and 28.

Testing location:

IMQ S.p.A. - I - 20138 Milano - via Quintiliano, 43

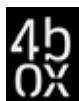
Summary of compliance with National Differences:

Attachment **IT_ND_IEC60884_1C_II** to test report IEC 60884-1 Italian national differences, based on Standards CEI 23-50:2007 + V1:2008 + V2:2011.

Copy of marking plate (for example) :

16 /250 ~

SIDE 4B.G12.H21



Test item particulars	Fixed socket-outlets
Standard Sheet	Non-standardized 1x S.S. III CEE 7 / 2xP17/11 CEI 23-50
Rated current (A) / Rated voltage (V)	16 A / 250 V
Degree of protection against access to hazardous parts and against harmful ingress of solid foreign objects	IP2X / IP4X / IP5X
Degree of protection against harmful ingress of water	IPX0 / IPX4 / IPX5
Provision for earthing	without earthing contact / with earthing contact
Method of connecting the cable	rewirable / non-rewirable
Type of cable	-
Nominal cross-sectional areas (mm ²)	-
Type of terminals	screw-type / screwless (rigid) / screwless (rigid and flexible)
Type of connections	soldered / welded / crimped / other
Socket-outlets:	
Degree of protection against electric shock ..	normal protection / increased protection
Existence of shutters	without shutters / with shutters
Method of application / mounting of the socket-outlet	surface-type / flush-type / semi-flush-type / panel type / architrave-type / portable type / table-type (single/multiple) / floor recessed type / appliance type
Method of installation	design A / design B
Intended for circuits where	a single earthing circuit provides protective earthing / electrical noise immunity is desired for the earthing circuit
Plugs:	
Class of equipment	0 / I / II
Possible test case verdicts:	
- test case does not apply to the test object.....: N/A	
- test object does meet the requirement.....: P (Pass)	
- test object does not meet the requirement.....: F (Fail)	
Testing	
Date of receipt of test item	27/07/2016 (samples sent by the applicant)
Date (s) of performance of tests	From 28/10/2016 up to 08/11/2016
General remarks:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> <p>"(see Enclosure #)" refers to additional information appended to the report.</p> <p>"(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a comma (point) is used as the decimal separator.</p> <p>Throughout this report the indication "N/C" is used to indicate that the test case applies to the test object but it has not been carried out.</p> <p>Unless otherwise stated the uncertainties for the tests and measurements are evaluated in accordance with IMQ Operational Instruction IO-LAB-001 and IO-LAB-004.</p> <p>The uncertainties evaluation has been carried out in accordance with IEC Guide 115 "Application of Uncertainty of measurement's to Conformity Assessment Activity in the Electrotechnical Sector" and IECCE CTL decision sheet DSH 251x.</p> <p>Internal Procedure PI-037 ensures that the requirements for traceability of calibrations, of all test equipment requiring calibration, and calibration intervals are met.</p>	

General product information:

Fixed socket out-let, 2 modules with shutters.

Non-standardized construction: 1x S.S. III CEE 7 / 2xP17/11 CEI 23-50.

Description of fixed sockets compatible with supporting frames of various brands:

Type reference	Rated value	Colour
4B.G10.H21	16A 250 V	White
4B.G14.H21	16A 250 V	Titanium
4B.N.H21	16A 250 V	White
4B.L.H21	16A 250 V	Anthracite
4B.NT.H21	16A 250 V	Tec
4B.LR.H21	16A 250 V	Red
4B.V14.H21	16A 250 V	White
4B.V14R.H21	16A 250 V	Red
4B.V14SL.H21	16A 250 V	Silver
4B.V20B.H21	16A 250 V	White
4B.V20.H21	16A 250 V	Grey
4B.V20N.H21	16A 250 V	Next
4B.V20R.H21	16A 250 V	Red
4B.V19V.H21	16A 250 V	White
4B.V19.H21	16A 250 V	Grey
4B.V19R.H21	16A 250 V	Red
4B.G12.H21	16A 250 V	Anthracite

Factory Location:

Lumi Legend Electrical Co. Ltd – N° 18, Lane 239, Beihai Road, Jiangbei, Ningbo 315032, P.R. CHINA.